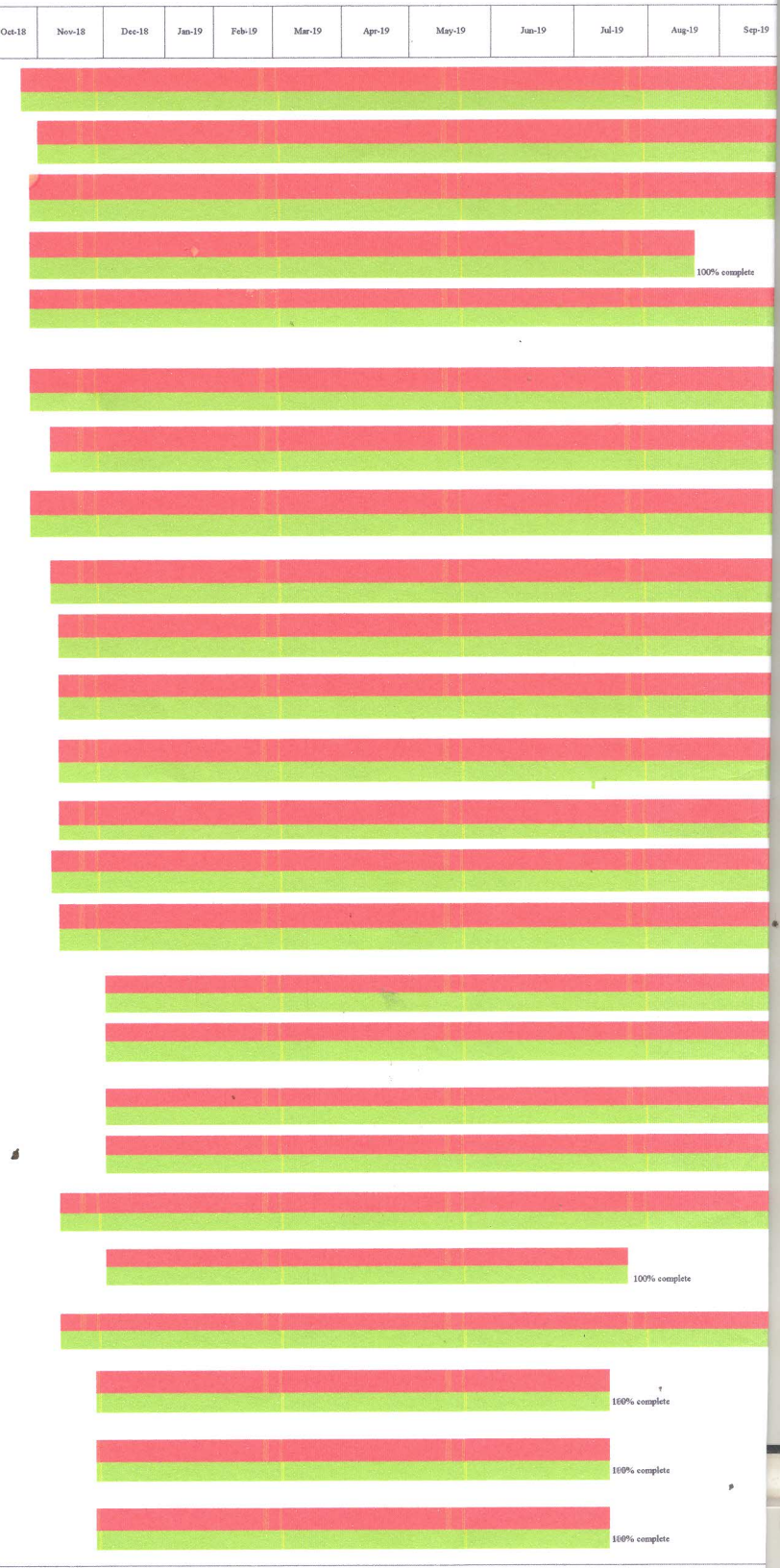
BRUHAT BENGALURU M

Clients Name	: Executive Engineer Byatarayanapura Division
Project Name	: Package No.03 (Package Consists of 21 Works)
Consultants	: Rudraprasad Consultants
Project Manager /Team Leader	: Karthik Rechan
Project Start Date	: 22-Oct-18
Project End Date	: 22-Oct-19
Project Length in Months	: 12 months

Sl. No	Assignment	Unit	Tender Qnty	Qty of Work done	% Of Work done	Start Date	End Date	No. of Working Days
1	Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, Roads drains and trenches of pipe line and cables)	Cum	6491.58	6493.58	100	24-10-18	07-03-20	500
3	Removing B.S.slab of Drain and stacking,and as per the directions of the Engineer-in-charge of the work .	Sqm	1729.33	1729.33	100	31-10-18	03-05-20	550
4	Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of th	Sqm	7227.82	7227.82	100	24-10-18	08-06-20	593
5	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. 7.5cms thick and as per the directions of the Engineer-in-charge of the work .	Sqm	1805.18	1805.18	100	24-10-18	20-08-19	300
6	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. 10cms thick and as per the directions of the Engineer-in-charge of the work .	Sqm	1774.33	1774.33	100	24-10-18	26-04-20	550
7	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides	Cum	9966.47	9966.45	100	26-10-18	19-01-20	450
8	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections,	Cum	971.04	971.04	100	05-11-18	27-12-20	783
9	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms. and as per the directions of the Engineer-in-charge of the work .	Cum	19372.14	19372.14	100	24-10-18	12-03-21	870
10	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and	Cum	1526.90	1526.90	100	05-11-18	08-01-21	795
11	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver	Cum	3520.49	3520.49	100	08-11-18	15-02-21	830
12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges,	Sqm	8821.37	8821.36	100	02-11-18	09-02-21	830
13	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or	Sqm	16183.50	16183.50	100	03-11-18	22-10-19	353
14	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including cleaning of road surface	Sqm	13909.68	13909.68	100	12-11-18	11-03-21	850
15	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper	Cum	821.92	821.92	100	04-11-18	22-10-19	352
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade	Cum	356.58	356.57	100	12-11-18	11-03-21	850
17	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour,	Sqm	85574.84	85207.05	100	19-11-18	27-01-21	800
18	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour,	Sqm	93484.60	93457.39	100	20-11-18	17-02-21	820
19	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to	Cum	3938.28	3937.19	100	20-11-18	17-02-21	820
20	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks	Sqm	3463.99	3455.84	100	24-11-18	21-02-21	820
21	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cmm in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials	Cum	257.42	257.42	100	02-11-18	26-01-20	450
22	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate	Cum	257.42	257.42	100	24-11-18	18-07-20	602
23	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30	Cum	823.99	823.99	100	04-11-18	26-06-20	600
25	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light	No	88.00	88.00	100	20-11-18	18-07-19	240
26	Supplying and Fixing of..... mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC	No	135.00	135.00	100	20-11-18	18-07-19	240
27	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or concealed system of wiring. a)4 sqmm.	No	440.00	440.00	100	20-11-18	18-07-19	240



HANAGARA PALIKE

RUDRAPRASAD CONSULTANTS
BANGALORE

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28	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer	Rmt	150.00	150.00	100	20-11-18	18-07-19	240
29	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.25 sqmm to 75 sqmm	Rmt	150.00	150.00	100	20-11-18	18-07-19	240
30	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes25 sqmm Long Barrel	Rmt	55.00	55.00	100	20-11-18	18-07-19	240
31	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary,	Cum	472.83	472.83	100	19-11-18	24-06-20	583
32	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine-mixed, concrete laid in layers not exceeding 15 cms.	Cum	1059.80	1059.80	100	20-11-18	28-01-21	800
33	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design and as per the directions of the Engineer-in-charge of the work .	Cum	935.42	942.76	101	26-11-18	23-02-21	820
34	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with	Tonne	56.05	56.25	100	22-11-18	15-02-21	816
35	Vacuum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory,	Sqm	4955.99	4955.99	100	24-11-18	18-07-20	602
36	Providing and constructing granite size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m.	Cum	223.64	223.64	100	26-10-18	19-01-20	450
37	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m.	Cum	67.14	67.14	100	26-10-18	21-10-19	360
38	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials,	Sqm	627.57	627.57	100	26-10-18	22-10-19	361
39	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine-mixed, concrete laid in layers not exceeding 15 cms	Cum	62.12	62.12	100	20-12-18	27-07-20	585
41	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length	Nos	1998.00	2059.00	103	09-01-19	19-03-21	800
42	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	120.23	120.23	100	04-02-19	22-01-21	718
43	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary	Rmt	305.00	305.00	100	20-12-18	27-07-20	585
44	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe	Sqm	592.50	592.50	100	24-12-18	30-07-20	584
45	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including	Rmt	553.80	553.80	100	22-12-18	29-07-20	585
47	Removing and resetting of footpath slab and as per the directions of the Engineer-in-charge of the work .	Sqm	623.25	623.25	100	24-10-18	22-10-19	363
48	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material	Cum	26.14	26.14	100	24-10-18	22-10-19	363
49	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m	Cum	40.97	40.97	100	26-10-18	22-10-19	361
52	Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting	Cum	1230.02	1229.68	100	10-11-18	18-01-21	800
E1	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm	Sqm	48.12	48.12	100	25-11-19	12-01-21	414
E2	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, l	Sqm	354.12	314.55	89	25-11-19	13-08-20	262
E3	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M/S. hollow pipe frame work bent to ornamental shape as shown in the drawing	Sqm	18.38	18.38	100	25-11-19	01-08-20	250
E4	Providing and applying enamel matal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour,	Sqm	36.75	36.75	100	28-11-19	03-08-20	249
E5	Road markers/ Road stud , KSRIEB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection	Nos	188.80	188.80	100	08-12-19	17-03-20	100

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